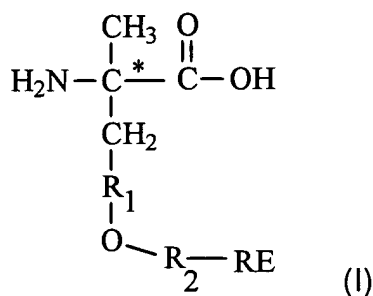


Al also be used. SPECT, on the other hand, generally uses radionuclides that have more neutrons than protons, such as ^{67}Ga , ^{77}Br , ^{123}I , ^{124}I , ^{125}I , ^{126}I , ^{131}I and ^{201}Tl .

Page 3, paragraph 10, please amend as follows:

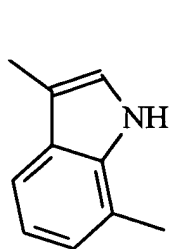
[0010] The present invention includes compounds of formula (I), or pharmaceutically acceptable salts thereof:



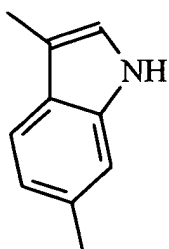
wherein

the C marked with an asterisk represents a chiral center and the compound is present in the L-form, the D-form or as a racemic mixture;

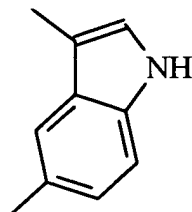
R_1 is selected from the group consisting of a single bond, phenyl, and a group of formula (a), (b), (c) or (d)



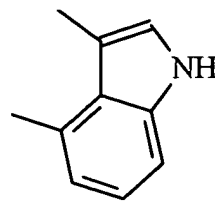
(a),



(b),



(c),



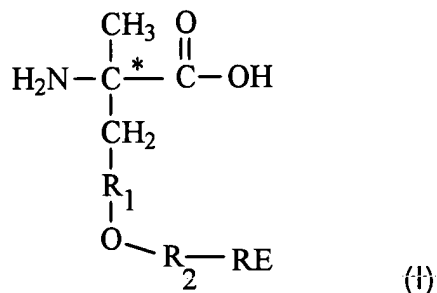
(d);

R_2 is C_1 - C_7 alkyl; and

RE is selected from the group consisting of ^{11}C , ^{13}N , ^{15}O , ^{18}F , ^{67}Ga , ^{75}Br , ^{77}Br , ^{123}I , ^{124}I , ^{125}I , ^{126}I , ^{131}I and ^{201}Tl , preferably ^{123}I , ^{125}I and ^{18}F .

Page 5, paragraph 15, please amend as follows:

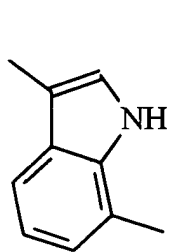
[0015] In this invention, compounds of formula I have been developed:



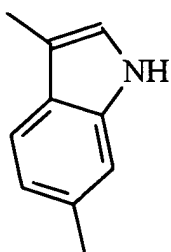
wherein

the C marked with an asterisk represents a chiral center and the compound is present in the L-form, the D-form or as a racemic mixture;

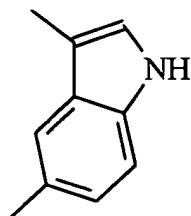
R₁ is selected from the group consisting of a single bond, phenyl, and a group of formula (a), (b), (c) or (d)



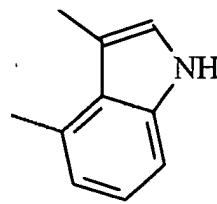
(a),



(b),



(c),



(d);

R₂ is C₁-C₇ alkyl; and

RE is selected from the group consisting of ¹¹C, ¹³N, ¹⁵O, ¹⁸F, ⁶⁷Ga, ⁷⁵Br, ⁷⁷Br, ¹²³I, ¹²⁴I, ¹²⁵I, ¹²⁶I, ¹³¹I and ²⁰¹Tl, preferably ¹²³I, ¹²⁵I, and ¹⁸F.

IN THE CLAIMS:

Please amend the claims as follows: